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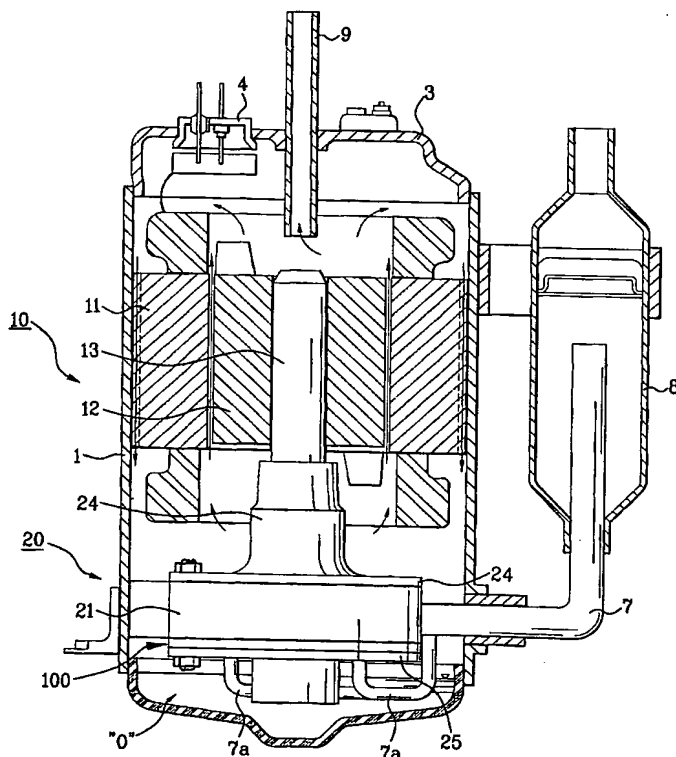
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(54) Title: ROTARY COMPRESSOR



(57) Abstract: Disclosed is a rotary compressor having two compression capacities. The rotary compressor includes: a driving shaft (18) being rotatable clockwise and counterclockwise, and having an eccentric portion (13a) of a predetermined size; a cylinder (21) forming a predetermined inner volume; a roller (22) installed rotatably on an outer circumference of the eccentric portion (13a) so as to contact an inner circumference of the cylinder (21), performing a rolling motion along the inner circumference and forming a fluid chamber (29) to suck and compress fluid along with the inner circumference; a vane (23) installed elastically in the cylinder (21) to contact the roller continuously; a first bearing (24) installed in the cylinder (21), for supporting the driving shaft (18) rotatably; a second bearing (25) for rotatably supporting the driving shaft (13) and preliminarily storing the fluid to be sucked; discharge ports (26) communicating with the fluid chamber (29); and a valve assembly (110) having openings separated by predetermined angle from each other, for allowing the openings (111, 112, 113) to selectively communicate with the second bearing (25) at a predetermined position of the fluid chamber (29) according to rotation direction of the driving shaft (18), wherein compression spaces that have different volumes from each other are formed in the fluid chamber (29) according to the rotation direction of the driving shaft (13) so that two different compression capacities are formed.



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